

#1645



UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 00-1123-D)

PATENT

In the Application of: )  
Cunningham, et al. )  
Serial No.: 09/930,352 )  
Filed: August 15, 2001 )  
For: A Label-Free High-Throughput Optical )  
Technique for Detecting Biomolecular )  
Interactions )

Art Unit: 1645

Examiner: To be assigned

RECEIVED

SEP 24 2002

TECH CENTER 1600/2900

TRANSMITTAL LETTER

Asst. Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:
  - a) Second Preliminary Amendment;
  - b) Filing fee;
  - c) Return postcard
2. With respect to fees:
  - a) A check in the amount of \$777.00 is enclosed.
  - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
3. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Asst. Commissioner for Patents, Washington, D.C. 20231 on September 13, 2002.

Date: September 13, 2002

Respectfully submitted,  
  
Lisa M.W. Hillman  
Registration No. 43,673



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 00-1123-D)

*Pre Amended*  
*10/18*  
*MW*

In re Application of: )  
Cunningham, et al. )  
Serial No.: 09/930,352 ) Examiner: TBA  
Filed: August 15, 2001 ) Art Unit: 1645  
For: A Label-Free High-Throughput Optical )  
Technique for Detecting Biomolecular )  
Interactions )

**SECOND PRELIMINARY AMENDMENT**

Asst. Commissioner for Patents  
Washington, D.C. 20231

**RECEIVED**  
SEP 24 2002  
TECH CENTER 1600/2900

Dear Sir:

Please enter the following preliminary amendment before substantive examination of the above-referenced application. Forty-four new claims are added herein at a cost of three hundred ninety six dollars ( $44 \times \$9 = \$396$ ). Eight new independent claims are added at a cost of three hundred ninety six dollars ( $8 \times \$42 = \$336$ ). Furthermore, a first preliminary amendment was filed on August 28, 2002. The first preliminary amendment added 5 new independent claims at a cost of two hundred ten dollars ( $5 \times \$42 = \$210$ ). However, a total number of claims fee was not paid for these five additional claims. Therefore, Applicants now enclose an additional forty-five dollars for these 5 claims ( $5 \times \$9 = \$45$ ). Therefore, a check for seven hundred seventy seven dollars (\$777) is enclosed. The Commissioner is authorized to credit or charge our deposit account number 13-2490 for any under- or over-payment of fees.

**IN THE CLAIMS:**

6. (Amended) The biosensor of claim 5, wherein the cover layer comprises a material that has a lower refractive index than zinc sulfide, titanium dioxide, tantalum oxide, or silicon nitride.

09/20/2002 CCRN01 00000100 09930352

01 FC:202 336.00 OP  
02 FC:203 441.00 OP